

**VAN STRAATEN** Chemical Company

630 W. Washington Blvd • Chicago IL 60606

(312) 454-1000 • Telex 25-3556

DPM 5730

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

MANUFACTURER'S NAME Van Straaten Chemical Company

REGULAR TELEPHONE NO.  
EMERGENCY TELEPHONE NO. (312) 454-1000

ADDRESS 630 W. Washington Blvd., Chicago, IL 60606

TRADE NAME Van Straaten 5299

## SYNONYMS

## II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	HAZARD DATA
Mineral Seal Oil	8.9	TLV 5 mg/M <sup>3</sup> *
Other petroleum oils	80-90	TLV 5 mg/M <sup>3</sup>
Contains no other ingredients now known to be hazardous as defined in OSHA 29 CFR 1915.2		
* Interim results from a health study underway suggest that products which include mineral seal oil (CAS no. 64742-30-9) may pose potential human health risks which may vary from person to person. Further detailed information is available. Please refer to Sections VIII and IX for information regarding special protection and precautions.		

## III PHYSICAL DATA

BOILING POINT, 760 MM HG	NA	MELTING POINT NA
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	0.91 @ 60°F	VAPOR PRESSURE Negligible
AIR DENSITY (AIR = 1)	Undetermined	SOLUBILITY IN H <sub>2</sub> O. % BY WT. Insoluble less than one
VOLATILES BY VOL.	Negligible	EVAPORATION RATE (BUTYL ACETATE = 1)
APPEARANCE AND ODOR	dark brown, transparent oil; fragrancd odor	ph NA

## IV FIRE AND EXPLOSION DATA

FLASH POINT TEST METHOD	COC: 305 °F min	AUTOIGNITION TEMPERATURE XXXXXXXXXXXX	Fire point: COC 325 °F
FLAMMABLE LIMITS IN AIR % BY VOL.	LOWER	Unknown	UPPER Unknown
EXTINGUISHING MEDIA	CO <sub>2</sub> , foam, dry chemical, water spray		
SPECIAL FIRE FIGHTING PROCEDURES	Treat as an oil fire.		
UNUSUAL FIRE AND EXPLOSION HAZARD	In the event of fire, CO, CO <sub>2</sub> , HCl, SO <sub>2</sub> may be produced.		

## V HEALTH HAZARD INFORMATION

## HEALTH HAZARD DATA

## ROUTES OF EXPOSURE

INHALATION TLV 5mg/M<sup>3</sup> per ACGIH standard for petroleum oil mist.

SKIN CONTACT Frequent or prolonged liquid contact with the skin will dry and de-fat the skin, leading to possible irritation and dermatitis. See Sec II, VIII and XI for additional information.

SKIN ABSORPTION Not expected to be absorbed through the skin.

EYE CONTACT Will cause eye irritation.

INGESTION LD<sub>50</sub> not established - do not ingest.

EFFECTS OF OVEREXPOSURE See Above  
ACUTE OVEREXPOSURE

CHRONIC OVEREXPOSURE Unknown

## EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water until irritation subsides; consult a physician.

SKIN: In case of skin contact, remove contaminated clothing, if any, and wash skin with soap and water.

INHALATION: If irritation occurs, remove victim to fresh air area; consult a physician.

INGESTION: Do not induce vomiting; consult a physician immediately.

## NOTES TO PHYSICIAN

None.

**VI REACTIVITY DATA****CONDITIONS CONTRIBUTING TO INSTABILITY**

Stable under normal use conditions.

**INCOMPATIBILITY**

Strong oxidants like sodium chromate or sodium hypochlorite.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Complete combustion: CO, CO<sub>2</sub>, SO<sub>2</sub>, HCl

**CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION**

NA

**VII SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Recover free liquid. Add absorbant to spill and ventilate enclosed spaces. Keep petroleum product out of streams and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

**NEUTRALIZING CHEMICALS**

NA

**WASTE DISPOSAL METHOD**

Indeterminate absorbant material. Comply with federal, state, and local regulations.

**VIII SPECIAL PROTECTION INFORMATION****VENTILATION REQUIREMENTS**

Normally not needed. Use local exhaust to capture vapor, mists and fumes. Provide greater than 60 fpm face velocity for confined spaces.

**SPECIFIC PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATORY (SPECIFY IN DETAIL)** If the TLV for petroleum oil is exceeded, use NIOSH approved respirator with TC-21C-140 cartridge combination.

**EYE** Use face shield or safety glasses or goggles when eye contact may occur.

**GLOVES** Normally not needed. Use chemical-resistant gloves, if needed, to avoid repeated or prolonged skin contact.

**OTHER CLOTHING AND EQUIPMENT** Use oil impervious apron or other clothing, if needed, to avoid repeated or prolonged skin contact.

## IX SPECIAL PRECAUTIONS

### PRECAUTIONARY STATEMENTS

Do not ingest.  
Avoid prolonged or repeated contact with skin.  
Wash skin with soap and water after contact, before breaks and meals, and at the end of work periods.  
Remove contaminated clothing; launder before reuse.  
Discard oil-soaked shoes.  
Avoid contact with eyes.

### OTHER HANDLING AND STORAGE REQUIREMENTS

Keep containers closed when not in use.  
Store away from heat, sparks, flame, or strong oxidants.

PREPARED BY:

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DATE:

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